

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	122	(electric near2 potential) near3 (bias adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 10:35
L4	448	((detect\$3 determin\$3 sens\$3) near4 (fly\$3 near2 height)) and (slider hdd (dis\$1 near2 drive))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 10:53
L5	1	("5561570").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/22 10:53
L6	1	("6172832").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/22 11:29
L7	20	4 and (bias near3 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 11:43
L8	76038	(dis\$1 near drive) and ((fly\$3 near3 height) or spac\$3 or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 11:44
L9	1328	8 and (bias near3 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 11:44
L10	8228	(varies vary\$3 chang\$3 alternat\$3 switch\$3) near2 (bias adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:07
L11	101	9 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 11:51
L12	9997	(varies vary\$3 chang\$3 alternat\$3 switch\$3) near2 (DC near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:08
L13	97	8 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:10
L14	3	12 and (fly\$3 near3 height)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:15

L16	334	(interference near3 slider)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:16
L18	78	16 and (bias voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:18
L20	8967	"360/25,31,75".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:18
L21	1318	8 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:20
L22	55	9 and 20	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:19
L23	6	12 and 21	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:21
L25	4801	(air near2 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:55
L26	26	25 and (fly\$3 near2 height)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 13:00
L27	7	(lock\$3 near2 amplifier) and (fly\$3 near2 height)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 13:13
L28	256	(kelvin near2 probe)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 13:14
L30	9	28 and ((fly\$3 near2 height) clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 13:15
S1	1	('6205002").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/16 15:15
S2	25	((((hard adj dis\$1 adj drive) or hdd) near2 slider) same (fly\$3 adj height)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:36

S3	1259	(slider) near3 (fly\$3 adj height)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:41
S4	20660	(power adj supply) with (((direct adj current) or dc) and ((alternate adj current) or ac))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:43
S5	1	S3 and S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:43
S6	9127	(power adj supply) near3 (((direct adj current) or dc) and ((alternate adj current) or ac))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:45
S7	128	(bias near2 voltage) same slider	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:49
S8	4	S6 and S7	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:46
S9	3	((fly\$3 adj height) near2 slider) same (laser adj doppler adj vibrometer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/16 15:58
S10	3	((("6005736") or ("6529342") or ("6366416")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/16 16:00
S11	12	("5153785"   "5377058"   "5673156"   "5949600"   "6005736"   "6031685"   "6105421"   "6140814"   "6154340"   "6272909"   "6366416"   "6411470").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 08:51
S12	10	("4684913"   "4751595"   "4862298"   "5153785"   "5227929"   "5239431"   "5546374"   "5663847"   "5777815"   "5903409").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/16 16:06
S13	384134	(((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium) (storage near2 drive\$1))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 09:03
S15	1088	(fly\$3 adj height) near2 slider	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 09:24
S16	1066	S13 and S15	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 09:24

S17	22	S16 and (bias near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 09:34
S18	10	(detect\$3 sens\$3) near2 (fly\$3 adj height) near2 (slider)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 09:38
S19	15	(detect\$3 sens\$3) near2 (fly\$3 adj height) near3 (slider)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 09:42
S20	2412	360/75,78.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 11:49
S21	2	((("4853810") or ("6359746"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/21 09:45
S22	17	("4777544"   "4814907"   "4931887"   "4954904"   "5082827"   "5103362"   "5153785"   "5168413"   "5335126"   "5377058"   "5488519"   "5640089"   "5654850"   "5764430"   "5764432"   "5831781"   "6005736").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 09:45
S23	77	("4853810").URPN.	USPAT	OR	ON	2004/12/21 10:00
S24	148	(dis\$1 near drive) and (actuator near (capacitive or electrostatic))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:17
S25	125	S24 and ((fly\$3 near3 height) or spac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2004/12/21 10:19
S26	65855	(dis\$1 near drive) and ((fly\$3 near3 height) or spac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:05
S27	14292	(dis\$1 near drive) and ((fly near3 height) or spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:42



S28	516	S27 and (bias near3 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:07
S29	9	S28 and (sens\$3 near3 (readback adj signal))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:07
S30	252	(dis\$1 near drive) and (electrical near3 difference)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:17
S31	176	S30 and ((fly\$3 near3 height) or spac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2004/12/21 10:29
S32	77	S27 and (LDP or (laser adj doppler adj vibromet\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 10:43
S33	33	("4593368"   "4681447"   "4777544"   "4866553"   "5218424"   "5377058"   "5410402"   "5453831"   "5473431"   "5488857"   "5495767"   "5552884"   "5638207"   "5673161"   "5805284"   "5815350"   "5828536"   "5880587"   "5883715"   "5892635"   "5898553"   "6008640"   "6249393"   "6271924"   "6359759"   "6411458"   "6452735"   "6459539"   "6473259"   "6501606"   "6529342"   "6570730"   "6624892").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 10:47
S35	917	((fly near2 height) or spacing or position) near3 (head near2 slider)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 11:20
S36	724	S13 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 11:16
S37	49	S36 and (bias near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 11:17
S38	33	(detect\$3 sens\$3) near3 ((fly near2 height) or spacing or position) near3 (head near2 slider)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 11:35

S39	1	("5528922").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/21 11:37
S40	1	("6205002").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/21 11:38
S41	3547	360/69,75,78.05.ccls.	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 11:49
S42	752	S41 and ((fly near2 height) or spacing)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 11:50
S43	518	S42 and (dis\$1 near2 drive)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 11:51
S44	408	S43 and (detect sens\$3)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 12:13
S45	10	S44 and (bias near2 voltage)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 11:55
S47	89	(fly\$3 near2 height) near (dis\$1 near2 drive)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2004/12/21 12:15
S49	8961	360/69,75.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 12:48
S50	332	S49 and (fly\$3 near3 height)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 12:49
S51	270	((determine sens\$3 detect\$3) near2 (fly\$3 near3 height))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 12:49

S52	78	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 12:49
S53	85	(bias near2 voltage) near (includ\$3 hav\$3) near2 (ac dc (alternate adj current) (direct adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 14:50
S54	60401	(minim\$4 low lower) near3 (clearance spacing (fly\$3 adj height))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 14:54
S56	2573	S54 and (dis\$1 near2 drive)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 14:55
S57	31	S56 and (AC near2 frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 15:02
S58	38	(laser adj doppler adj vibrometer) and (fly\$3 adj height)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 15:44
S59	29	(interference) near3 (bias adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/21 16:02
S60	52	(interference) near3 (fly\$3 adj height)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2004/12/22 12:54
S61	1	("4669011").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/21 16:34
S62	6	((("5153785") or ("5764432") or ("6181531") or ("6196062") or ("6359746") or ("6366416")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/21 16:35
S63	1	("4853810").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 16:36
S64	8	("4853810"   "5153785"   "6005736"   "6166874"   "6196062"   "6249393"   "6359746"   "6570730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 16:44
S65	5	("3183516"   "3456249"   "4146911").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/21 16:47